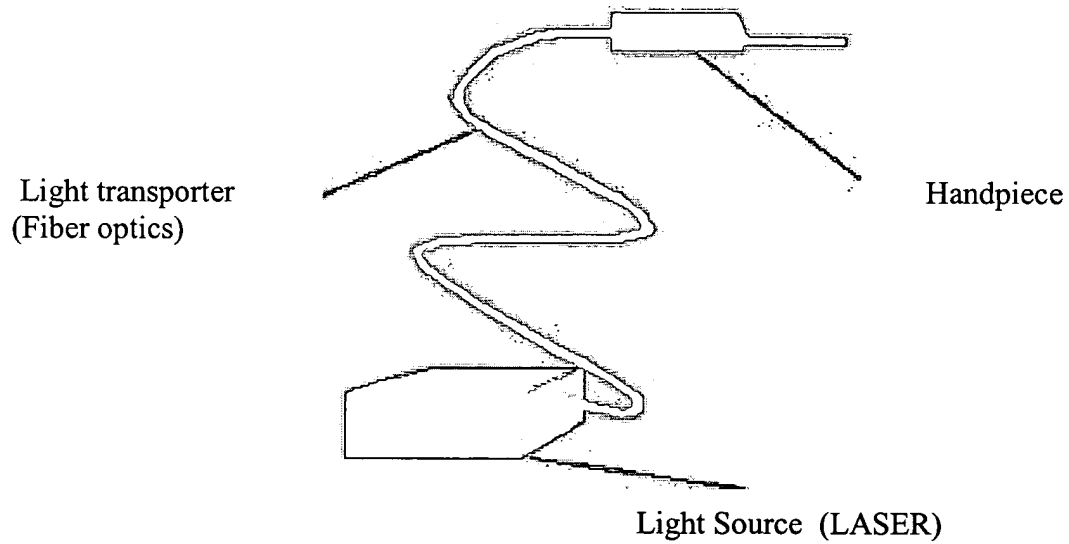


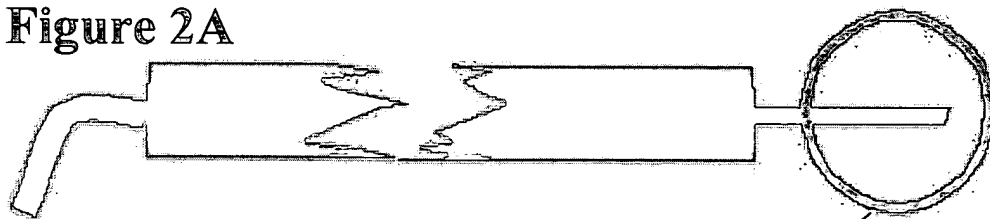
**Figure 1:** *Major components of the device, the phacoilluminator*



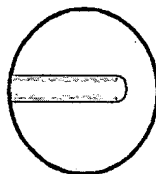
***Detail image of the handpiece and the its end part***

- a) the handpiece
- b)-d) possible forms of the tip of the endparts with different optics

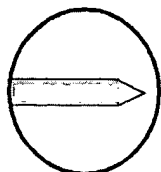
**Figure 2A**



**Figure 2B**



**Figure 2C**



**Figure 2D**

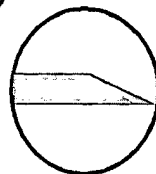
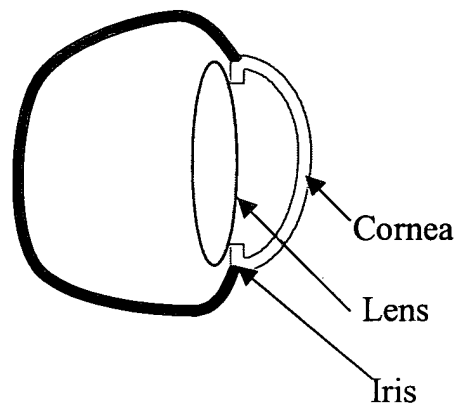


Figure 3:

The position of  
the lens in the eye  
(schematic from the side)



The capsulorhexis appearance

Figure 4A: with conventional illumination in the lens with dense cataract

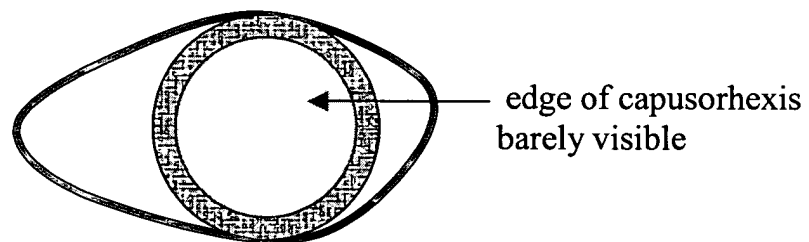
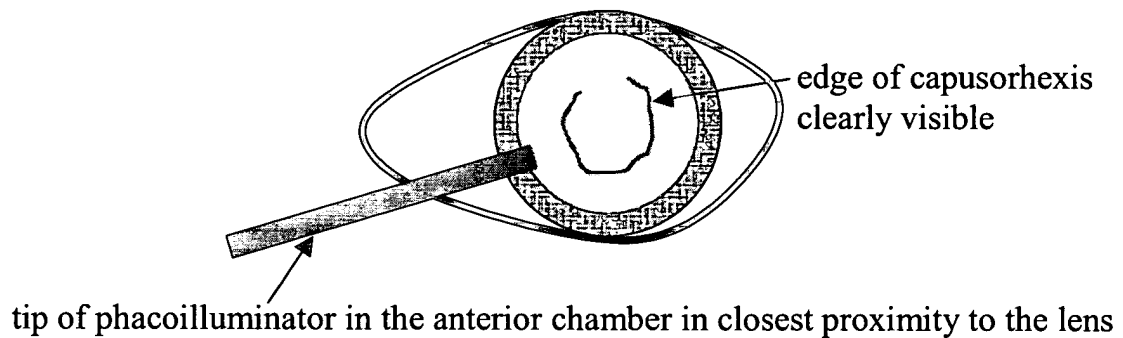
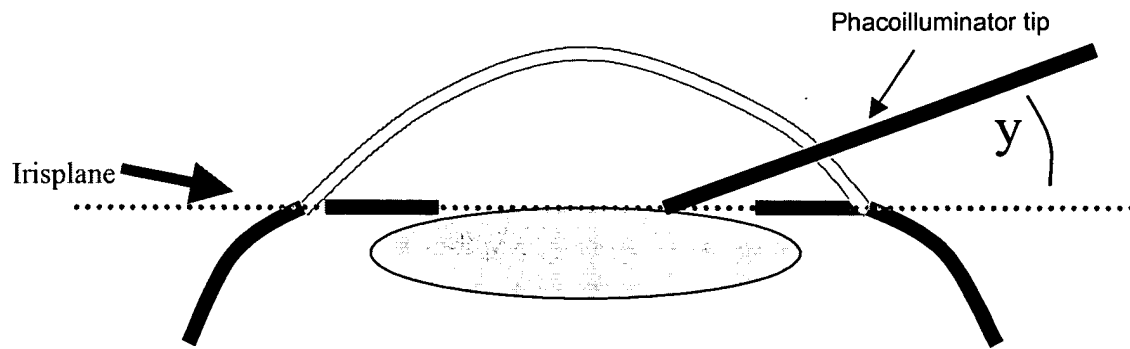


Figure 4B: with the use of the invention (phacoillumination)





The light can be directed into the eye from any direction, as long as it's not directly perpendicular to the front of the retina. The preferred angle ( $y$ ) typically should be between 5 and 45 degrees from the irisplane

**Figure 5**